

Title (en)

SECTOR BASED HS-DPCCH TRANSMISSION FOR MULTI-FLOW HSDPA TRANSMISSIONS

Title (de)

SEKTORBASIERTE HS-DPCCH-ÜBERTRAGUNG FÜR MULTIFLOW-HSDPA-ÜBERTRAGUNGEN

Title (fr)

TRANSMISSION HS-DPCCH BASÉE SUR DES SECTEURS, POUR DES TRANSMISSIONS HSDPA MULTI-FLUX

Publication

EP 2745444 B1 20180228 (EN)

Application

EP 12738250 A 20120620

Priority

- US 201161543066 P 20111004
- SE 2012050683 W 20120620

Abstract (en)

[origin: WO2013051986A1] There is provided a method of transmitting feedback information from a mobile terminal in a wireless communication system. The feedback information relates to multi-flow High-Speed Downlink Packet Access, HSDPA, transmissions to the mobile terminal from cells belonging to multiple cell sectors. The cell sectors are sometimes simply referred to as sectors. The method comprises transmitting multiple High-Speed Dedicated Physical Control Channels, HS- DPCCHs, one HS-DPCCH for each sector, such that different HS-DPCCH channels are used to carry feedback information for cells that belong to different sectors. This opens up for a more flexible HS-DPCCH solution, allowing multiple HS-DPCCHs. In this way, the relevant time budget(s) for the mobile terminal and/or base station may be retained or conserved even for multi-flow HSDPA transmission scenarios, thus avoiding re-transmissions of data.

IPC 8 full level

H04L 1/00 (2006.01); **H04L 1/18** (2006.01)

CPC (source: EP US)

H04L 1/0026 (2013.01 - EP US); **H04L 1/1829** (2013.01 - EP US); **H04L 1/1822** (2013.01 - EP US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2013051986 A1 20130411; EP 2745444 A1 20140625; EP 2745444 B1 20180228; IN 951KON2014 A 20151009;
US 2013208706 A1 20130815

DOCDB simple family (application)

SE 2012050683 W 20120620; EP 12738250 A 20120620; IN 951KON2014 A 20140502; US 201213574731 A 20120620